



Quality Management & Operational Excellence

Lean Six sigma – Yellow Belt

Course Introduction

Lean Six Sigma is a business improvement methodology that can eliminate waste and improve the performance of any business process. This Yellow Belt course has been designed to provide participants with foundational knowledge and understanding of the Lean & Six Sigma (LSS) methodologies, tools and principles. Through a combination of pre-reading, classroom training, and practical exercises If you want to build your awareness of Six Sigma practice, then Yellow Belt training is a great start. In karate, the yellow belt represents sunlight shining on a seed to give it the strength to grow. Yellow signifies the inciting moment in your training, where you acquire the beginnings of a world of knowledge. Similarly, in Six Sigma, Yellow Belt training is the first rung on the ladder leading towards success.

This five-days LSS-Yellow Belt course preparing you to understand and utilize basic measuring tools. Following completion of the program, you should be able to use these tools to gather accurate data. Additionally, you will be able to navigate the problem-solving and process improvement processes in theoretical and practical Six Sigma work. Here we examine our Yellow Belt program and its contents in detail. That way, you can move forward fully informed and use your knowledge to make the best decisions.

Target Audience

- practitioners in quality and audits
- Senior members and managers of organisations who need to understand the significance of training employees on quality management
- Quality team members
- Professionals aspiring to undertake a quality-related certification
- Construction project owners
- Design consultants
- Construction contractors
- Architects
- Non-engineering construction professionals

Learning Objectives

- Confidently apply the Six Sigma methodology to problems
- Confidently apply basic tools and techniques to improvement projects
- Understand and identify process waste & inefficiency
- Effectively contribute to business problem solving workshops
- Understand what process improvement tools are available to eliminate waste and drive customer value.

Course Outline

• 01 DAY ONE

Introduction

- Introduction
- The History of Continuous Improvement (Kaizen)
- Higher Standards for Higher Performance
- Lean Six Sigma Defined
- Input Determines Output Success Stories
- The 99.9% Problem
- The Sigma Level
- Calculating the Sigma Level – Toolset
- DNA of a Champion
- Lean Six Sigma Framework
- DMAIC - The Lean Six Sigma Improvement Process
- Lean and DMAIC
- Organizing for Success
- Working Relationships
- What's In a Name?
- Session 1 Skill Check

• 02 DAY TWO

Tools for Improvement Define and Measure

- Introduction
- Project Charter Toolset
- Process Mapping
- Process Mapping (SIPOC) Toolset
- Process Flow Charts and Swim Lanes
- Value-Added Flow Charts
- Affinity Diagram Toolset
- CTQC Tree Diagram Toolset
- Voice Of The Customer As Specifications
- DEFINE Progress Review

• 03 DAY THREE

Tools for Improvement Define and Measure

- Introduction
- Project Charter Toolset
- Process Mapping
- Process Mapping (SIPOC) Toolset
- Process Flow Charts and Swim Lanes
- Value-Added Flow Charts
- Affinity Diagram Toolset
- CTQC Tree Diagram Toolset
- Voice Of The Customer As Specifications
- DEFINE Progress Review

• 04 DAY FOUR

Tools for Improvement Analyze, Improve, and Control Introduction

- Cause & Effect Diagram Toolset
- 5-Why, 1-How
- Scatter Plot Toolset
- ANALYZE - Progress Review
- FMEA Toolset
- Brainstorming
- Prioritizing and Selecting a Solution

• 05 DAY FIVE

Piloting a Solution

- IMPROVE - Progress Review
- Control Plan

- Standardized Work - Documenting Process Changes
- CONTROL - Progress Review
- Exercises and Quiz
- Course Completion

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Aug. 4, 2025	Aug. 8, 2025	5 days	4950.00 \$	England - London
Dec. 21, 2025	Dec. 25, 2025	5 days	4250.00 \$	KSA - Riyadh
July 21, 2025	July 25, 2025	5 days	4250.00 \$	UAE - Dubai
Dec. 22, 2025	Dec. 26, 2025	5 days	2150.00 \$	Virtual - Online